



Ydeevnedeklaration

NR. SQS 00068-D

1. Byggevaretype:	Aluminium master
2. Byggevareidentifikation:	SeriPole 2
3. Byggevarens tilsigtede anvendelse(r):	Eftergivelige master til færdselstavler
4. Fabrikantens navn og adresse:	Seri Q Sign A/S Stærmosegårdvej 30 DK-5230 Odense M
5. Navn og adresse på den bemyndigede repræsentant:	Ikke relevant
6. Systemerne for vurdering og kontrol af konstansen af byggevarens ydeevne (AVCP):	System 1
7. Harmoniseret standard & Notificeret Organ: Har udført Efter system Og udstedt	EN 12899-1:2007 DBI Certification A/S nr. 2531 Indledende inspektion af fabriksanlæg og fabrikkens egen produktionskontrol samt kontinuerlig overvågning, vurdering og evaluering af fabrikkens egen produktionskontrol. 1 Overensstemmelsesattest for fabrikkens egen produktionskontrol (nr. 2531-CPR-CSC-10006)
8. Deklareret ydeevne: Se følgende sider.	

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Annex 1

EXTENT

Type	Description																																																																																																																																																																																														
<p>Dimensions: 66 mm SeriPole 2 110 mm SeriPole 2 140 mm SeriPole 2 166 mm SeriPole 2</p> <p>110 mm SeriPole 2 with steel rods 140 mm SeriPole 2 with steel rods 166 mm SeriPole 2 with steel rods</p> <p>Material: Aluminium: AA6063 T66, Anodizing 20 µm Nature</p> <p>Steel rods: S355J2G3C, coated with Chemlock 8310 Primer</p>	<p>Resistance to horizontal loads:</p> <table border="1"> <thead> <tr> <th rowspan="2">SeriPole 2 without steel rods</th> <th colspan="2">Bending</th> <th colspan="2">Torsion</th> </tr> <tr> <th>Stiffness (EI)</th> <th>Moment capacity bending (M_u)</th> <th>Stiffness (G_t)</th> <th>Moment capacity torsion (T_u)</th> </tr> </thead> <tbody> <tr> <td>mm</td> <td>kNm²</td> <td>kNm</td> <td>kNm²</td> <td>kNm</td> </tr> <tr> <td>66</td> <td>23,8</td> <td>2,1</td> <td>17,4</td> <td>2,1</td> </tr> <tr> <td>110</td> <td>154</td> <td>8,0</td> <td>90,7</td> <td>5,0</td> </tr> <tr> <td>140</td> <td>294</td> <td>12,0</td> <td>180</td> <td>7,5</td> </tr> <tr> <td>166</td> 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rods	Bending		Torsion		Stiffness (EI)	Moment capacity bending (M _u)	Stiffness (G _t)	Moment capacity torsion (T _u)	mm	kNm ²	kNm	kNm ²	kNm	66	23,8	2,1	17,4	2,1	110	154	8,0	90,7	5,0	140	294	12,0	180	7,5	166	495	17,0	308	11,7	SeriPole 2 part with steel rods	Bending		Torsion		Stiffness (EI)	Moment capacity bending (M _u)	Stiffness (G _t)	Moment capacity torsion (T _u)	mm	kNm ²	kNm	kNm ²	kNm	110	355	13,2	92,2	4,5	140	613	17,6	182	7,2	166	965	23,9	312	10,7	SeriPole 2 combined part with and without steel rods	Bending			Torsion		Stiffness (EI ^{***})	Moment capacity bending up to L [*] (see note 1) (M _u)	Moment capacity bending Above L ^{**} (see note 1) (M _u)	Stiffness (G _t)	Moment capacity torsion (T _u)	mm	kNm ²	kNm	kNm	kNm ²	kNm	110	See note 1	13,2	8,0	90,7	4,5	140	See note 1	17,6	12,0	180	7,2	166	See note 1	23,9	17,0	308	10,7	SeriPole 2	Part without steel rods, stiffness (EI [*])	Part with steel rods, stiffness (EI ^{**})	L ^{**}	mm	kNm ²	kNm 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Passive safety with maximum height more than 6.2 m above ground level and no sign mounted:				
SeriPole 2 without steel rods	66 mm	110 mm	140 mm	166 mm
Speed class	100	100	100	100
Energy absorbing category	NE	NE	NE	NE
Occupant safety class	C	C	C	C
Backfill type	S	S	S	S
Collapse mode	SE	SE	SE	SE
Direction class	SD	SD	SD	SD
Risk of roof indentation	0	0	0	0
SeriPole 2 combined with and without steel rods	110 mm	140 mm	166 mm	
Speed class	100	100	100	
Energy absorbing category	NE	NE	NE	
Occupant safety class	C	C	C	
Backfill type	S	S	S	
Collapse mode	SE	SE	SE	
Direction class	SD	SD	SD	
Risk of roof indentation	0	0	0	
Durability:				
Corrosion resistance (supports) Metal, Aluminium		SP1		
Resistance to penetration of dust and water		Supports can not be provided with compartments for electrical equipment		

9. Ydeevnen for den byggevare, der er anført i punkt 1 og 2, er i overensstemmelse med den deklarerede ydeevne i punkt 9.

Denne ydeevnedeklaration udstedes på eneansvar af den fabrikant, der er anført i punkt 4.
Underskrevet for og på vegne af fabrikanten af:

Odense 2020-03-27

Paul Pedersen, Produktionschef